

# EXHIBIT AA



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Jobs



## Satish Chandra · 3rd

Machine Learning for Developer Productivity at Facebook

-  Meta
-  University of Wisconsin-Madison

San Francisco Bay Area · [Contact info](#)

500+ connections

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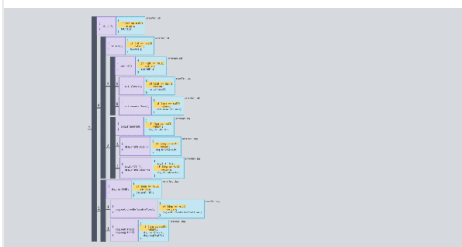
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### About

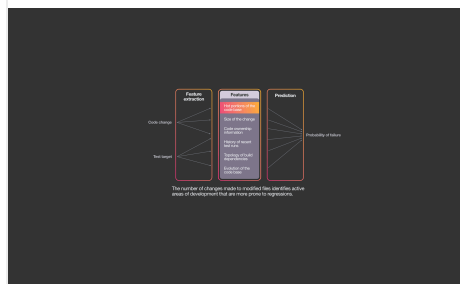
I am a researcher in software systems area. My research goal is to make it easier for software professionals to create correct, secure and efficient software. My research interests include static and dynamic analysis, software verification, type systems, domain-specific languages, program synthesis, computer-assisted debug ...see more

### Featured

Link



Link



Link





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Getafix that automatically finds fixes for bugs and offers them to engineers to approve. This allows engineers to work more effectively, and it promotes bett...

In one year, predictive test selection has allowed Facebook to double the efficiency of our testing infrastructure and catch 99.9 percent of regressions.

We've d  
that app  
process  
retrieva  
source

## Activity

709 followers

**Satish Chandra** commented on a post • 2mo

Congrats Sumit Gulwani !



9

2 comments

[Show all activity →](#)

## Experience



### Software Engineer

Meta · Full-time

Nov 2016 - Present · 5 yrs 8 mos

San Francisco Bay Area

I lead projects that use machine learning based methods to improve developer productivity at Facebook. These projects include code search and



### Lecturer

Stanford University

Jan 2017 - Present · 5 yrs 6 mos

United States

Instructor for CS 295, Software Engineering

Instructor for CS 143, Compilers



### Senior Principal Engineer and Senior Director, Advanced Programming Tools

Samsung Electronics

Oct 2013 - Sep 2016 · 3 yrs

Mountain View, California

- Conduct research in many topics including static analysis, type systems, testing and debugging, applied to mobile platforms.



Home



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Sep 2002 - Sep 2013 · 11 yrs 1 mo  
Greater New York City Area

- Conducted foundational research in static analysis, software testing, and related topics.



### Member of Technical Staff, Software Productivity Research

Bell Laboratories

Oct 1997 - Aug 2002 · 4 yrs 11 mos

- Developed new algorithms in C static analysis, including pointer analysis and type checking.

Show all 6 experiences →

## Education



### University of Wisconsin-Madison

PhD, Computer Science

1991 - 1997

Supervised by James R. Larus.



### Indian Institute of Technology, Kanpur

B. Tech, Computer Science and Engineering

1987 - 1991

Activities and societies: Hindi Literary Society

## Volunteering



### Co-instructor

Indian Institute of Science

Aug 2011 - Dec 2011 · 5 mos

Education

Taught a graduate class on "Topics in Verification" with Prof Aditya Kanade

## Skills

### Software Engineering



Home



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Jobs

## Computer Science



Endorsed by Zhendong Su and 4 others who are highly skilled at this



Endorsed by 2 colleagues at Samsung Electronics



18 endorsements

## Algorithms



Endorsed by Eran Yahav and 3 others who are highly skilled at this



Endorsed by 6 colleagues at IBM



11 endorsements

[Show all 20 skills →](#)

## Publications

### Formula-Based Software Debugging

Communications of the ACM · Jul 1, 2016

[Show publication ↗](#)

#### Other authors

### Lessons from the tech transfer trenches

Communications of the ACM · Feb 1, 2016

[Show publication ↗](#)

#### Other authors



### Link to full list of publications (DBLP)

[Show publication ↗](#)



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IN 9075918 · Issued Jul 7, 2015

The current state-of-the-art web testing tools attempt to address the problem of highly dynamic content in different ways, but fall short of being effective. Some of

### Static code analysis

USPTO · Issued Aug 12, 2014


[See patent](#)

Techniques for static code analysis are provided. The techniques include routing a code analysis request to a set of one or more static code analysis tools based on a

## Honors & awards

### ACM Distinguished Paper

Issued by ACM · Oct 2019

 Associated with Meta

Awarded at OOPSLA 2019, for our paper "Aroma: Code Recommendation via Structural Code Search"

### Outstanding Technical Achievement Award

Issued by IBM · Jan 2013

 Associated with IBM Research

### Senior Technical Staff Member

Issued by IBM · Jan 2012

 Associated with IBM Research

[Show all 9 honors & awards →](#)

## Languages

### English

Native or bilingual proficiency

### Hindi



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## Organizations

### IFIP WG 2.4

Jan 2009 - Present

### Association for Computing Machinery

Distinguished Member · Jan 1993 - Present

## Interests

**Companies**

Groups

Schools



### Meta

8,644,095 followers



### University of Wisconsin-Madison

406,403 followers

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## Causes

Education